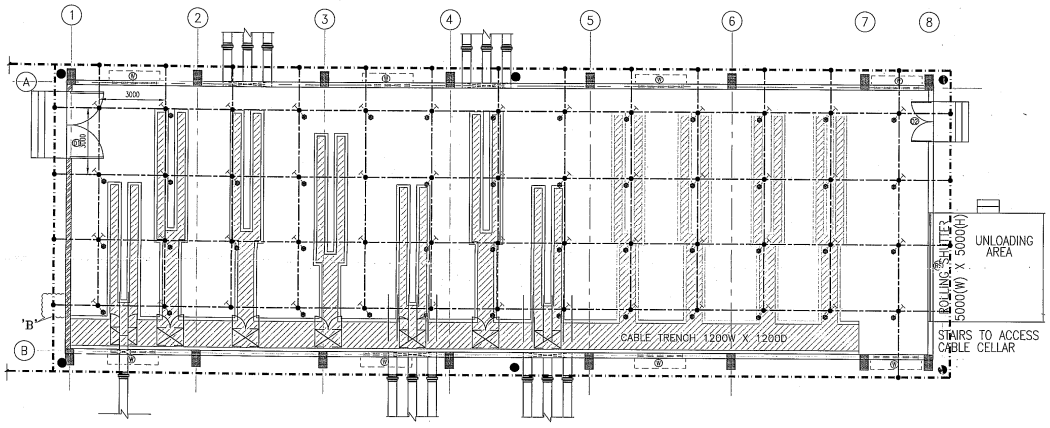
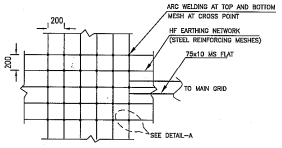
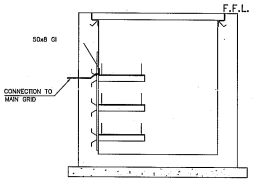
DRAWING NO. 5427PW041-HNJ-E-SYD-EAR-0202



400kV GIS ROOM PLAN



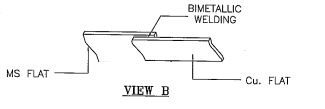
REINFORCED STEEL BARS IN GIS FLOOR



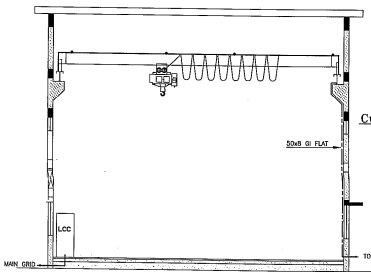
TRENCH DETAILS

LEGEND:-

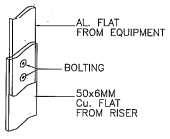
SL. NO:	SYMBOL	DESCRIPTION
1.		50x6mm, Cu. FLAT
2.		75X10mm MS FLAT
3.		RISER
4.		ACCESS FOR CONNECTION
5.		CONFIRMING BOND TO CONNECT EARTHING NETWORK TO 50/60 Hz Cu. EARTING



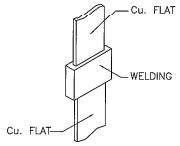
VIEW B



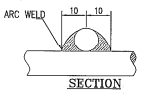
CRANE AND LCC EARTHING DETAILS



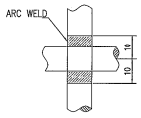
CONNECTION BETWEEN Cu. & AL. FLATS WITH BOLTING



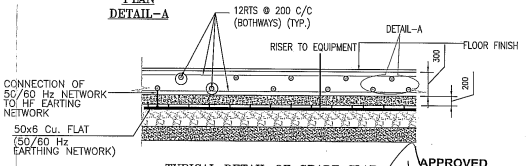
HORIZONTAL STRAIGHT CONNECTION BETWEEN 2 Cu. FLATS WITH WELDING



SECTION DETAIL-A



PLAN DETAIL-A



TYPICAL DETAIL OF GRADE SLAB (AS RECOMMENDED BY GIS MANUFACTURING UNIT)

NOTES :-

1) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2) ALL Cu. CONDUCTORS AND ITS TAP CONDUCTOR JOINT SHALL BE WELD TYPE.
3) CONNECTIONS AT EQUIPMENT END SHALL BE OF COMPRESSION TYPE THROUGH CONNECTORS AND CONNECTORS SHALL BE BOLTED TO RESPECTIVE EQUIPMENT.
4) ALL EQUIPMENT & RELATED NON CURRENT CARRYING METALLIC PARTS SHALL BE EFFECTIVELY GROUNDED.
5) GIS EQUIPMENT AND ITS ASSOCIATED BUSDUCT ACCESSORIES SHALL BE GROUNDED IN LINE WITH RECOMMENDATION OF GIS MANUFACTURER.
6) THE 50x6mm Cu. FLAT SHALL BE CONNECTED TO THE MAIN EARTHMAT AT MORE THAN TWO POINTS.

CONTROLLED COPY

☑ APPROVAL	☐ AS BUILT
☐ PROTO	☐ CONSTRUCTION
☐ PLANNING	☐ REFERENCE
☐ MANUFACTURING	☐ INDENT
☐ RECORD	☐ EXECUTION

ALSTOM T & D INDIA LTD
DT. 21/06/2013
AUTH. SIG.

APPROVED
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Transmission Projects Section,
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REFR. DRG. NO.	DESCRIPTION

REV.	DESCRIPTION	DRAWN	DES. CHECKED	DES. APPROVED	DES. STATUS
REV2	REVISED AS PER MSETCL COMMENTS LETTER DT 13/06/2013	Date	Date	Date	
REV1	AS PER MSETCL LETTER DT 06/05/2013 & DISCUSSION DT 03/06/2013	Name: VVP Date: 06.06.2013	Name: KAH Date: 06.06.2013	Name: SSC Date: 06.06.2013	
REV0	FOR CLIENT APPROVAL	Name: VSB Date: 15.04.2013	Name: KAH Date: 15.04.2013	Name: SSC Date: 15.04.2013	

OWNER: MAHARASHTRA STATE ELECTRICITY TRANS.CO.LTD.

PROJECT : 400/220KV GIS SUB-STATION HINJEWADI-III, PUNE

LOA REF: MSETCL/CO/C&M/Contract/TWC-II/T-1102/Supply/Area/4912 DATED 23-03-2012
TENDER NO.: T-1102 PACKAGE-"A"

TITLE : EARTHING LAYOUT FOR 400kV GIS BUILDING

A2 | ALSTOM | ALSTOM T&D INDIA LTD (ENERGY AMS T&D MNA GIS) VELAN ADDRESS, NO.2,ANNA LO VELACHERY MAIN ROAD, CHENNAI - 600 042

DRAWING NO.: 5427PW041-HNJ-E-SYD-EAR-0202

TOTAL NO. OF SHEETS: 2 | SHEET NO.: 1 | REV.: A | SCALE: 1:150

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